MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JULY 1924

J. A. BROWN, DIRECTOR

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JULY 1924

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	755.5	755.2	754.7	755.1	29.3	22.4		12.5	
2	3.9	3.8	3.9	3.9	29.8	22.1		12.5	
3	4.1	4.2	4.6	4.3	30.1	22.9		11.4	
4	4.9	4.2	4.2	4.4	28.8	22.2		11.0	
5	4.3	4.2	3.5	4.0	29.3	24.4	—	12.0	—
6	4.8	5.6	5.6	5.3	30.5	23.4		12.0	
7	4.0	5.0	4.4	4.5	29.7	22.3		11.6	
8	2.6	2.0	2.9	2.5	30.8	22.2		10.5	
9	1.2	1.2	1.0	1.1	30.7	22.2		12.0	
10	1.8	3.0	4.4	3.1	31.1	23.3	—	5.0	—
11	5.8	5.6	6.1	5.8	28.3	23.5		12.4	
12	6.6	6.1	6.7	6.5	31.1	25.2		12.2	
13	7.1	7.4	7.3	7.3	31.2	25.4		12.3	
14	7.1	5.4	6.2	6.2	33.1	24.1		12.4	
15	4.1	2.9	2.8	3.3	30.6	24.7	—	11.2	—
16	1.7	1.9	3.3	2.3	31.1	23.6		11.0	
17	4.1	4.6	5.6	4.8	31.1	23.4		12.0	
18	5.4	5.1	5.1	5.2	31.0	22.9		12.2	
19	4.7	3.9	4.8	4.5	31.2	23.2		12.2	
20	2.9	3.7	4.1	3.6	31.6	23.5	—	11.0	—
21	4.5	4.1	3.7	4.1	31.1	23.5		12.6	
22	2.6	2.2	2.4	2.4	31.6	23.3		12.5	
23	2.0	2.0	3.1	2.4	31.6	24.2		12.5	
24	2.8	5.0	5.4	4.4	31.6	22.9		12.2	
25	6.2	6.7	7.0	6.6	30.8	23.5	—	12.4	—
26	6.9	6.1	6.0	6.3	31.1	23.6		12.6	
27	4.4	3.8	4.1	4.1	31.1	23.2		12.4	
28	3.3	3.1	3.5	3.3	31.7	23.8		12.4	
29	4.0	3.3	3.8	3.7	30.7	22.7		12.0	
30	4.3	3.6	4.0	4.0	30.7	22.7		12.6	
31	4.5	4.6	4.8	4.6	31.1	24.2		10.1	
	754.26	754.18	754.48	754.31	30.76	23.37		11.73	

BAROMETER

Maximum	757.4	on 13th
Minimum	751.0	on 9th

THERMOMETER

Maximum	31.7	on 28th
Minimum	22.1	on 2nd
Minimum on grass		on

RAINFALL

Maximum mm. on

Number of days with rain 0 thunderstorms 0 fog 0 gale 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	26.7	28.8	25.2	26.9	23.7	24.6	23.4	19.4	19.4	20.0	19.6	74	65	83	74
2	27.6	29.2	25.1	27.3	23.8	24.6	23.6	19.0	19.1	20.3	19.5	70	63	85	73
3	27.7	29.4	25.2	27.4	24.1	24.7	22.9	19.3	19.2	18.9	19.1	70	62	79	70
4	26.4	28.1	24.4	26.3	22.4	23.3	22.7	16.8	17.6	19.0	17.8	65	62	83	70
5	27.4	28.6	25.9	27.3	23.7	23.8	23.7	18.8	18.0	19.8	18.9	70	61	79	70
6	27.9	30.0	26.4	28.2	24.6	25.2	23.4	20.0	19.6	18.9	19.5	72	60	74	69
7	27.6	29.3	24.6	27.2	23.2	23.4	22.7	17.8	17.1	19.0	18.0	65	57	83	68
8	28.3	29.7	25.8	27.9	23.5	24.8	22.9	17.7	18.9	18.5	18.4	61	58	74	64
9	28.1	29.8	25.7	28.2	27.8	25.3	24.3	18.6	20.1	20.5	19.7	65	64	79	70
10	28.7	30.4	26.2	28.4	24.9	25.3	24.2	20.2	19.8	20.7	20.2	69	61	82	71
11	28.4	29.4	28.0	28.6	24.2	24.5	23.2	19.0	18.9	17.4	18.4	65	61	62	63
12	29.6	29.4	27.8	28.9	21.2	25.6	24.5	13.4	21.0	20.1	18.2	43	68	72	61
13	28.4	30.9	26.7	28.7	26.1	26.7	25.1	22.8	22.8	22.3	22.6	79	67	86	77
14	28.6	32.7	27.6	29.6	26.0	27.7	24.1	22.6	23.1	19.3	21.7	78	62	72	71
15	28.2	30.0	26.4	28.2	23.6	24.3	22.9	17.9	18.1	17.9	18.0	63	57	70	63
16	28.8	30.8	26.3	28.6	24.7	25.2	23.2	19.6	19.2	18.7	19.2	66	57	73	65
17	28.3	30.1	26.3	28.2	23.2	24.4	23.3	19.7	18.2	18.8	18.9	59	58	73	63
18	27.6	31.2	26.4	28.4	23.8	24.9	23.4	18.8	18.4	19.0	18.7	69	54	74	66
19	28.2	30.3	26.7	28.4	24.2	24.8	24.1	19.0	18.7	20.1	19.3	67	58	77	67
20	28.7	31.3	26.7	28.9	24.6	25.7	23.8	19.4	19.7	19.5	19.5	65	58	74	66
21	28.6	30.4	26.7	28.6	24.5	25.2	24.2	19.4	19.6	21.5	20.2	66	60	83	70
22	28.2	30.7	27.2	28.7	24.4	25.5	24.2	19.6	19.9	19.8	19.8	69	60	74	68
23	28.6	30.2	26.5	28.4	24.3	24.5	23.8	18.9	18.3	19.6	18.9	65	57	76	66
24	28.2	31.1	26.2	28.5	24.4	24.7	23.3	19.5	18.1	19.0	18.9	69	53	74	65
25	29.4	30.1	27.4	29.0	19.9	23.9	22.9	11.8	17.3	17.2	15.4	39	54	63	52
26	28.1	29.8	26.7	28.2	23.2	25.0	23.9	16.9	19.5	19.8	18.7	57	62	76	65
27	28.4	30.4	26.6	28.5	24.8	25.4	24.1	20.0	19.9	20.2	20.0	70	61	77	69
28	29.3	30.9	26.6	28.9	24.6	25.1	22.8	19.0	19.0	17.6	18.5	63	57	68	64
29	27.7	29.9	26.1	27.9	22.1	22.8	22.1	15.6	15.5	16.7	15.9	57	50	66	58
30	27.6	30.4	26.1	28.0	22.6	24.0	22.9	16.6	17.3	18.3	17.4	61	54	72	62
31	28.6	30.6	26.2	28.5	24.6	24.4	22.8	19.5	17.9	18.0	18.5	67	55	70	64
	28.16	30.13	26.35	28.22	23.95	24.82	23.50	18.60	19.01	19.24	18.95	65.2	59.2	75.3	66.6

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

JULY 1924

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	0	0	0	2	Ine	0	156.4	slight	
2	0	0	0	0	1	2	0	161.9	v. slight	
3	1	1	0	0.7	2	2s	0	189.8	slight	
4	0	0	0	1.0	1	Ine	0	153.0	v. slight	
5	0	0	0	0	Ine	In	0	224.0	calm	
6	0	0	6	2.0	1	2	1	156.0	v. slight	
7	1	0	0	0.3	1	2	1	85.2	,,	
8	1	2	1	1.3	1	2	1	209.1	,,	
9	1	2	0	1.0	2	2	1s	224.5	,,	
10	2	2	0	1.3	2	2w	0	275.8	calm	
11	1	0	0	0.3	1	In	Ine	151.9	,,	
12	0	0	0	0	Ine	3ne	2n	358.7	v. slight	
13	0	0	0	0	Iw	Inw	0	194.1	calm	
14	0	0	0	0	Inw	2nw	1	143.4	,,	
15	1	1	1	1.0	3	3	1	223.2	slight	
16	2	4	0	2.0	3	3	1	238.1	v. slight	
17	1	1	0	0.7	1	1	0	203.7	,,	
18	1	1	1	1.0	1	1	0	71.4	calm	
19	1	1	1	1.0	1	2	0	132.4	,,	
20	0	1	1	0.7	3	3	0	156.7	v. slight	
21	3	3	2	2.7	3	3w	3w	191.7	,,	
22	2	2	0	1.3	5	4	3	312.2	slight	
23	1	0	0	0.3	3	2	0	196.9	v. slight	
24	0	0	1	0.3	1	4	0	182.8	,,	
25	0	0	0	0	0	Inw	2n	127.4	calm	
26	0	0	0	0	Inw	2nw	0	156.6	,,	
27	0	1	0	0.3	Iw	2	0	68.9	,,	
28	0	0	0	0	4	3	2	199.7	v. slight	
29	0	0	0	0	2	3	1	156.9	,,	
30	0	0	0	0	2w	3	0	90.0	,,	
31	3	0	5	2.7	2	3	4	140.3	,,	
				0.67				178.51		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	2	0	0	0	23	3	2	1
2:30	2	3	0	0	1	19	2	4	0
8:30	2	1	0	0	1	10	1	0	16
Totals	4	6	0	0	2	52	6	6	17

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.